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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Allen et al.
Serial No.: 09/779,209
Confirmation No.: 6630
Filed: February 8, 2001
For: CACHE WITH DMA CAPABILITIES AND METHOD
FOR OPERATING SAME

Examiner: Fleming, Fritz M.
Art Unit: 2182

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 7th day of October, 2004.

Paula K. Fairweather
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MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

This responds to the requirement for restriction mailed August 11, 2004 in the above-identified application.

The Examiner has required restriction to one of the following inventions under 35 U.S.C. § 121.

- I. Claims 1-17, 33-39 and 47, directed to a cache memory system using independent processors to access cache memory locations, classified in class 711, subclass 118.
- II. Claims 18-26, 40-44, 48 and 49, directed to a cache memory system with address input selection, classified in class 711, subclass 3.
- III. Claims 27-32, 45, 46 and 50, directed to a cache memory system with address output selection, classified in class 711, subclass 118.

- IV. Claims 51 and 52, directed to a cache memory with tag and data arrays, classified in class 711, subclass 129.
- V. Claims 53-56, directed to a cache memory system with address incrementing and decrementing, classified in class 711, subclass 3.

Applicant hereby elects Group I, claims 1-17, 33-39 and 47, for prosecution in the present application.

The requirement for restriction is respectfully traversed. The claims are related and can most efficiently be examined in a single application. It is submitted that the search for the different claim groups would be coextensive. Accordingly, withdrawal of the requirement for restriction is respectfully requested.

The application is now ready for examination on the merits. If there are questions regarding this response, please contact Applicants' undersigned Attorney.

Respectfully submitted,
Allen, et al., Applicant(s)

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